

# 80 PLUS Verification and Testing Report

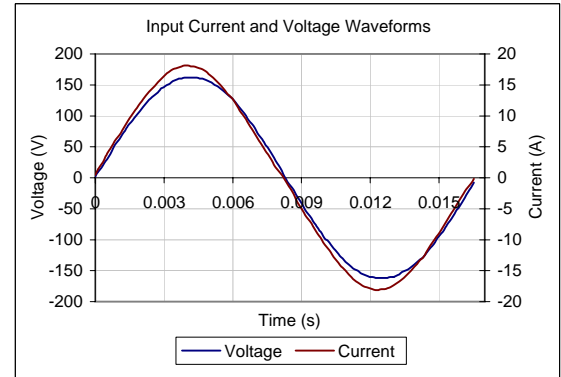


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.06%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.22%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	904
<b>Manufacturer</b>	AMA Precision
<b>Model Number</b>	AA1200U-C
<b>Serial Number</b>	NA
<b>Year</b>	2007
<b>Type</b>	EPS12V
<b>Test Date</b>	8/24/2007

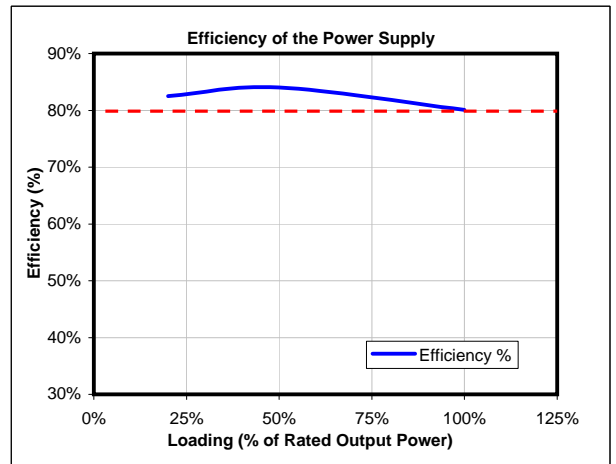
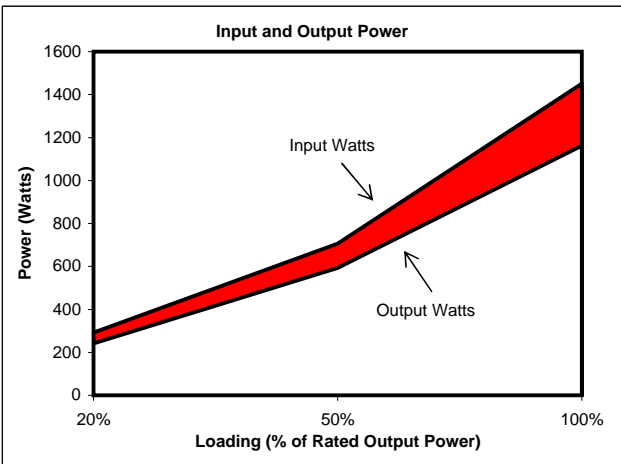
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>1200</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.6%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
2.57	0.99	6.3%	20%	Light	293	12.1/16.6	12.1/0.2	3.3/4.4	5/4.4	4.9/0.7	241	82.50%
6.15	1.00	4.6%	50%	Typical	705	11.9/41.4	12.1/0.4	3.2/11	4.8/11	4.6/1.7	593	84.06%
12.63	1.00	3.4%	100%	Full	1451	11.7/82.8	12/0.8	3/21.8	4.8/22	4.5/3.4	1162	80.09%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.